

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032317.D
 Acq On : 27 Jul 2018 12:51
 Operator : SY/AP
 Sample : VL0727ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABL01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:43:04 AM

Quant Time: Jul 27 23:43:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	2046379	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3919138	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	4907614	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3870375	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.98	43	59595	0.31	ppbv	91
20) Methylene Chloride	4.47	84	13022m	0.17	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

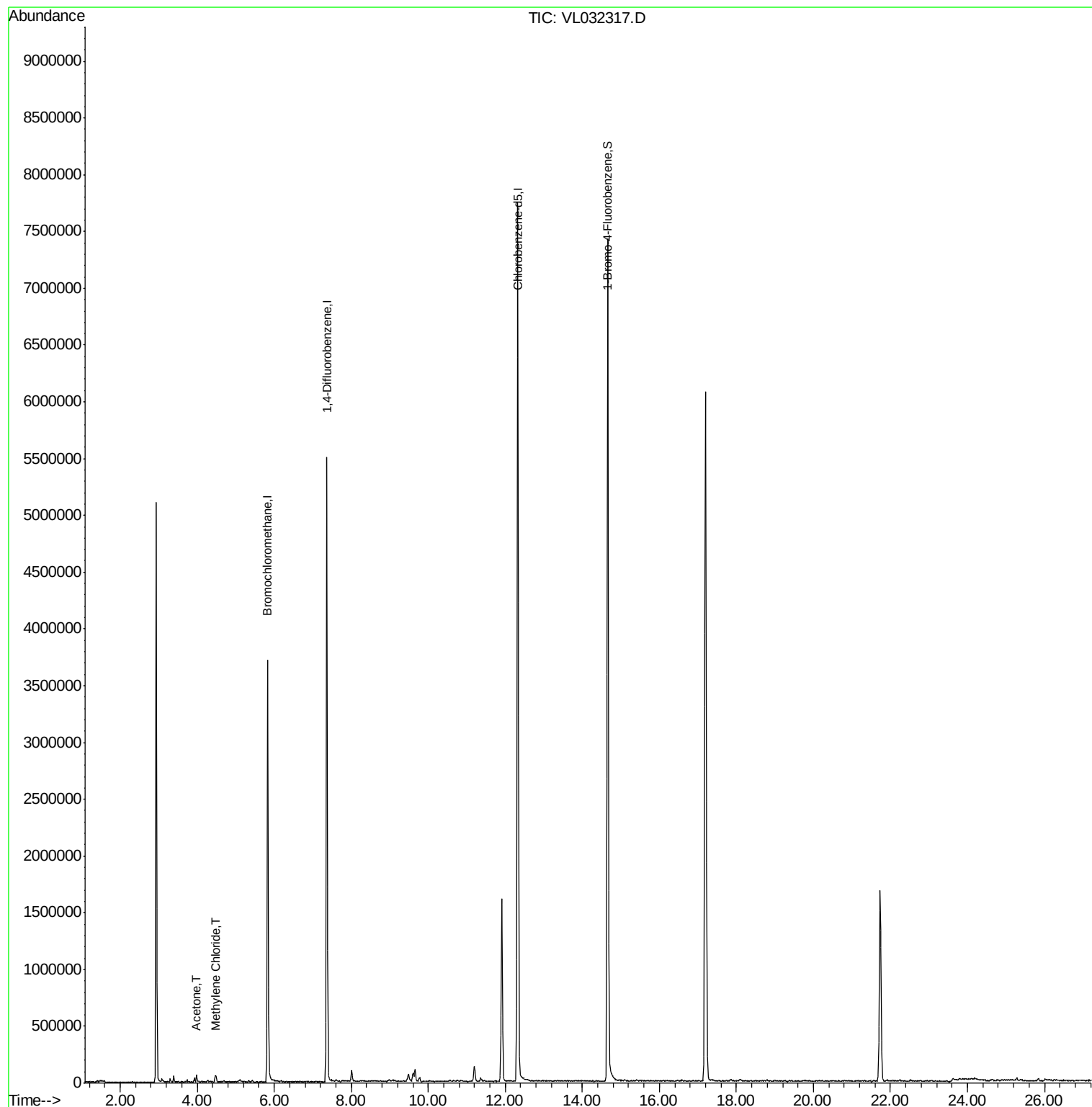
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072718\
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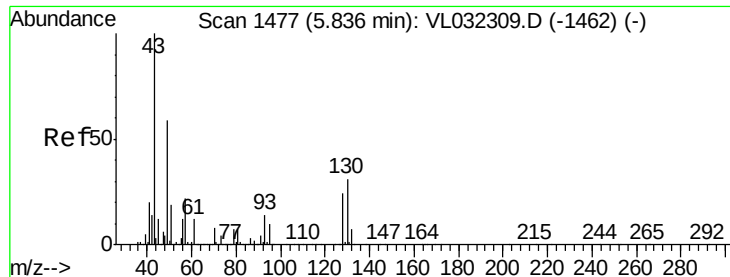
Instrument :
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Quant Time: Jul 27 23:43:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.83 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VL032317.D

Acq: 27 Jul 2018 12:51

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABL01

Tot Ion: 49 Resp: 2046379

Ion Ratio Lower Upper

49 100

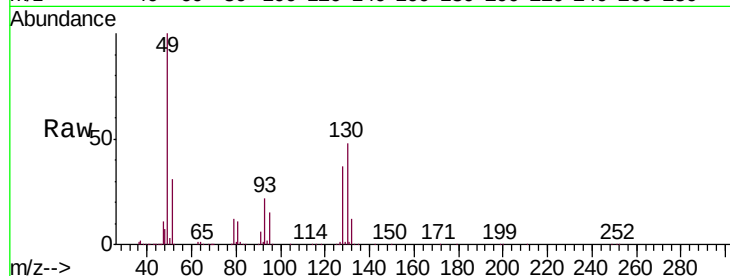
128 40.3 20.2 60.6

130 50.7 25.8 77.3

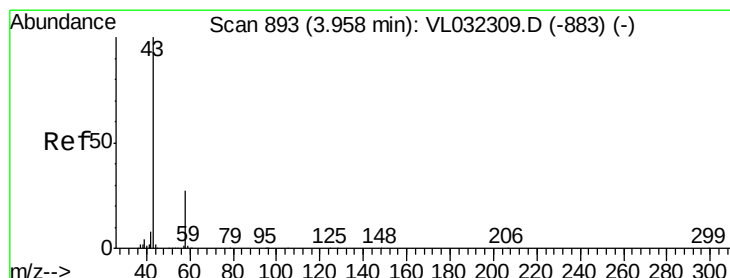
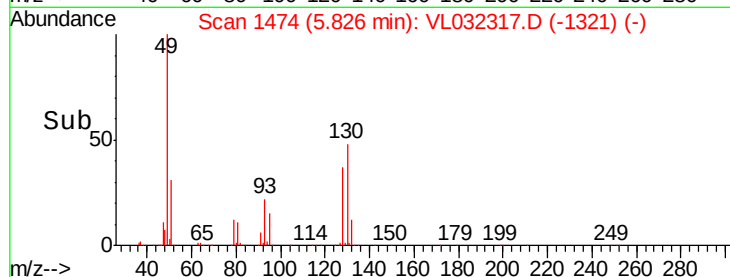
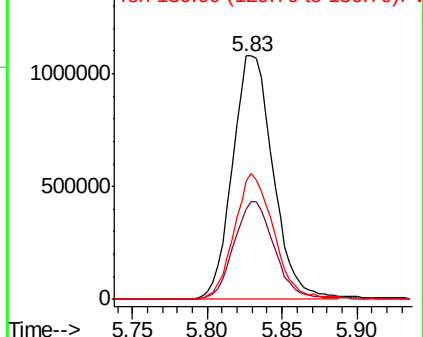
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Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.31 ppbv

RT: 3.98 min Scan# 901

Delta R.T. 0.03 min

Lab File: VL032317.D

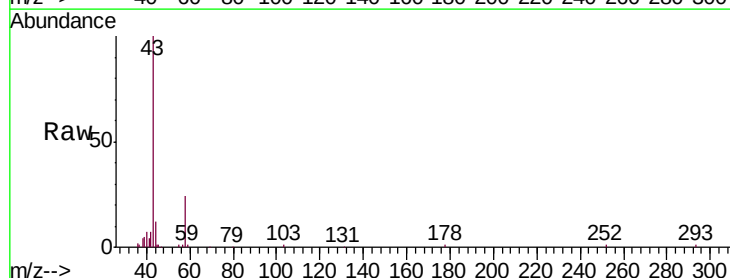
Acq: 27 Jul 2018 12:51

Tgt Ion: 43 Resp: 59595

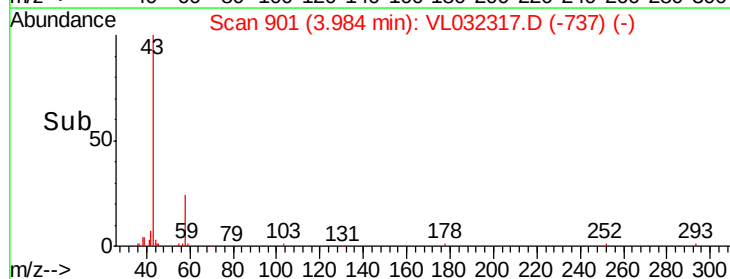
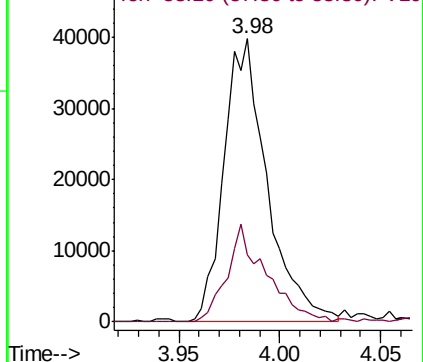
Ion Ratio Lower Upper

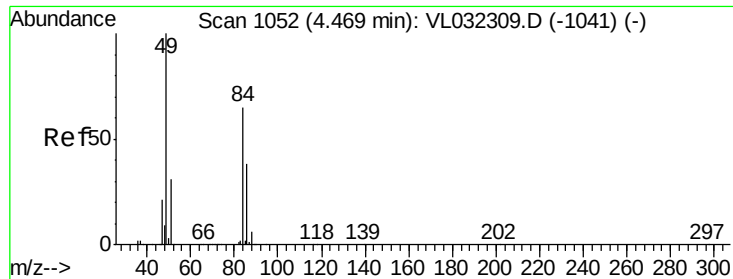
43 100

58 32.8 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





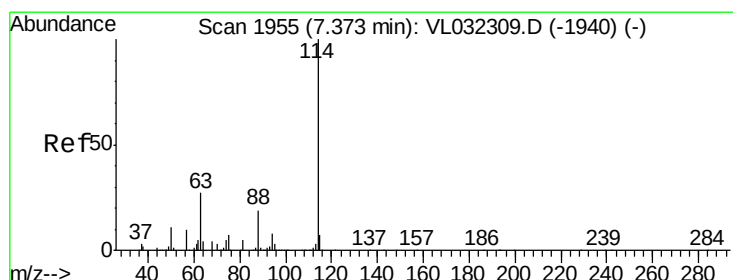
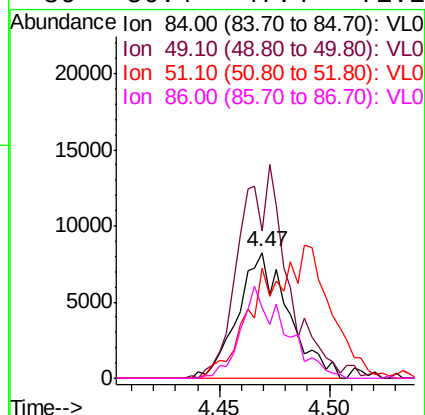
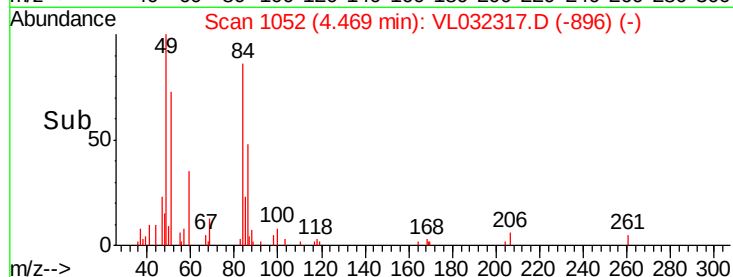
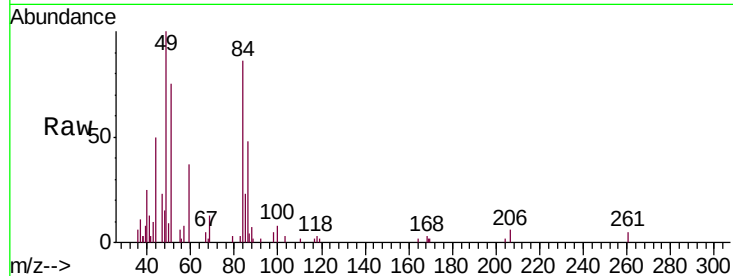
#20
Methvlene Chloride
Concen: 0.17 ppbv m
RT: 4.47 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VL032317.D
Acq: 27 Jul 2018 12:51

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABL01

Tot Ion	Ratio	Lower	Upper
84	100		
49	117.0	123.4	185.0#
51	87.9	38.2	57.2#
86	56.4	47.4	71.2

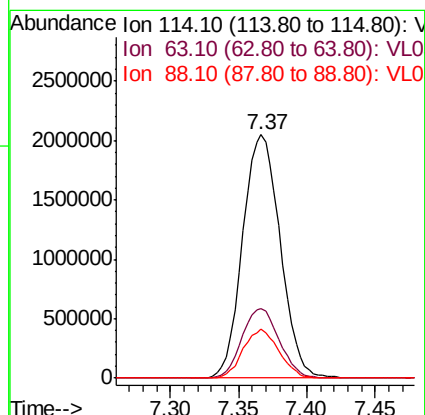
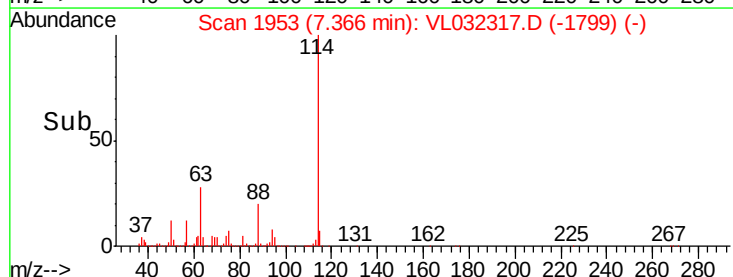
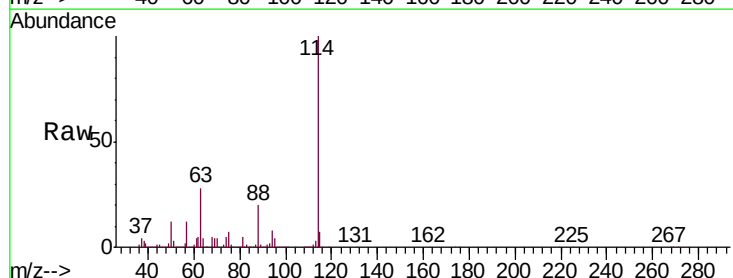
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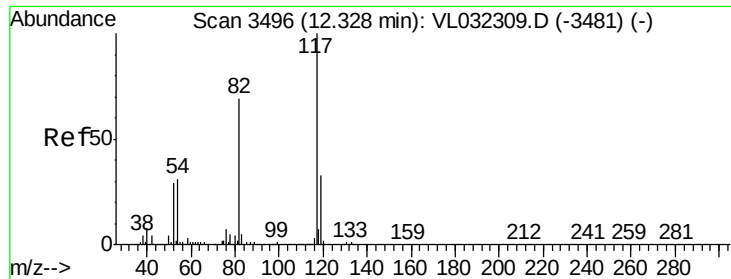
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1953
Delta R.T. -0.01 min
Lab File: VL032317.D
Acq: 27 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	19.2	15.3	22.9





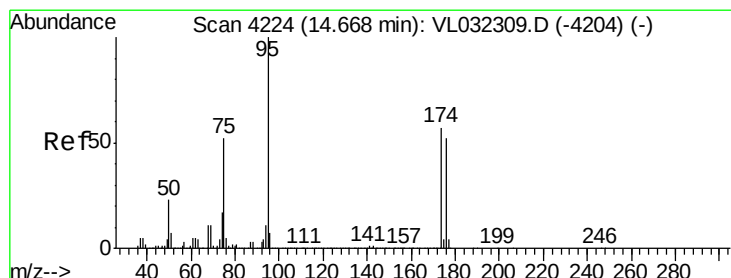
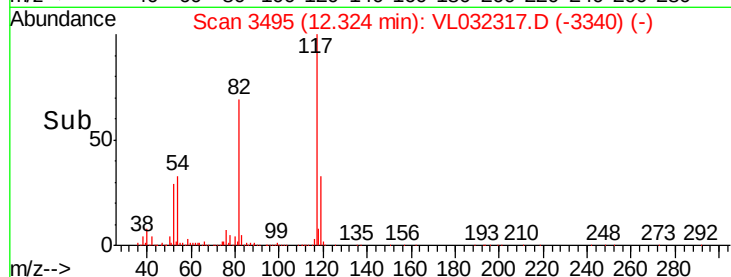
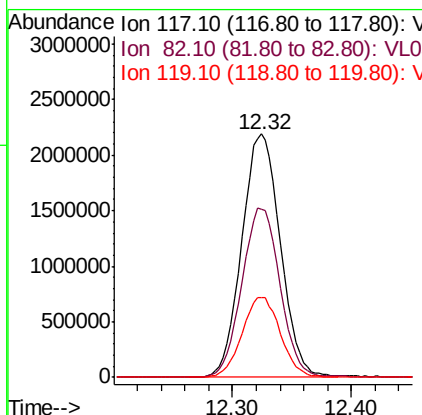
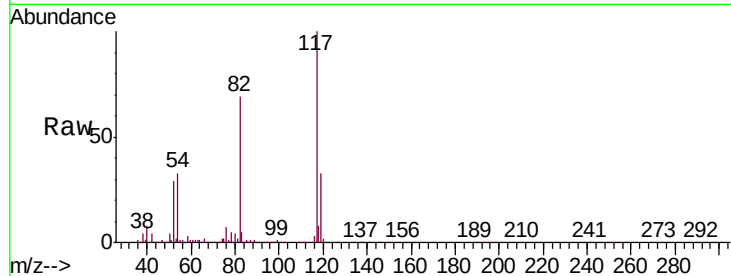
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.32 min Scan# 3495
Delta R.T. -0.00 min
Lab File: VL032317.D
Acq: 27 Jul 2018 12:51

Instrument :
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ClientSampleId :
VL0727ABL01

Tot Ion:117 Resp: 4907614
Ion Ratio Lower Upper
117 100
82 69.7 52.6 78.8
119 32.7 25.7 38.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.16 ppbv
RT: 14.66 min Scan# 4222
Delta R.T. -0.01 min
Lab File: VL032317.D
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Tgt Ion: 95 Resp: 3870375
Ion Ratio Lower Upper
95 100
174 56.9 45.5 68.3
175 4.1 3.3 4.9

